

proper arrangement of the *Solanaceæ* and the genera more immediately allied to them, and it certainly affords cause for regret that at a period of excellent opportunity, with such abundant materials, with every facility at command, and with a considerable amount of assistance from others, so imperfect a digest of the family should have appeared in the highest standard work of our time, the 'Prodrômus' of M. DeCandolle.

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IX.—*Descriptions of species belonging to the genera Pterocyclos and Cyclostoma, from Ceylon and West Australia.* By W. H. BENSON, Esq.

1. *Pterocyclos Cingalensis*, nobis, n. s.

Testa late umbilicata, orbiculato-depressa, solidula, radiato-striata, albida, superne strigis subundatis, medio fascia castanea picta; spira planiuscula, apice vix prominulo, sutura profunde impressa; anfractibus 5, convexis, ultimo lente descendente, superne alato, breviter soluto; ala prominentiam elongatam angustam ascendentem formante, postice carina obtusa desinente; apertura obliqua, subcirculari; peristomate duplici, interno porrecto, superne profunde inciso, externo incrassato, superne dilatato, leviter deflexo; umbilico profundiusculo. Operculo (teste E. L. Layard) pyramidali.

Diam. major  $19\frac{1}{2}$ , minor 16, alt. 6 mill.

*Hab.* ad vicum montanum Monahagalla, Insulæ Ceylon. Teste Dom. Edgar Leopold Layard.

Distinguished from *Pt. rupestris* by the length and narrowness of the alar prominence, which ascends slightly on the penultimate whorl, and runs parallel with it, instead of spreading semi-circularly as in that shell. From *Pt. Albersi* it differs not only in size, but in the absence of the incurvated beak which is such a prominent feature in that species. The umbilicus, equally broad with that of *Pt. rupestris*, is somewhat deeper in proportion.

This very interesting addition to a genus, which, though still limited in number, receives yearly additions from our Eastern possessions, was found by Mr. Layard in the central mountain region of the island, the fauna of which he is so successfully investigating. A monograph of the genus *Pterocyclos*, including all the species hitherto published, will be found in Dr. Pfeiffer's 'Monographia Pneumonopomorum' recently issued, including, in a compact volume, excellent descriptions of all the known Cyclostomacea and Helicinacea, with references to the figures given in the 'Conchylien Cabinet,' Sowerby's 'Thesaurus,' &c.

2. *Cyclostoma orophilum*, nobis, n. s.

Testa anguste umbilicata, globoso-conica, sub epidermide non nitente olivacea, albida, versus apicem acuminatum nigrescente; spira elevata, conica, attenuata, sutura distincta; anfractibus 5, convexis, ultimo rotundato, lineis 9 elevatiusculis, subtus remotioribus munito; apertura parum obliqua, circulari; peristomate tenui, recto, anfractui penultimo breviter adnato, labio expansiusculo; umbilico non pervio.

Diam. major 9, minor 7, alt.  $7\frac{1}{2}$  mill.

*Hab.* ad Monahagalla vicum montanum interiorem Insulæ Ceylon.  
Teste Edgar L. Layard.

Allied to the Point de Galle *C. halophilum*, nobis, but differing in sculpture and in the acuminated spire. It belongs to *Leptopoma* of Pfeiffer.

3. *Cyclostoma liricinctum*, nobis, n. s.

Testa depressa, orbiculata, albida, liricincta, ad intervalla radiato-striata; spira vix elevata, apice obtuso, suturis excavatis; anfractibus  $3\frac{1}{2}$  convexiusculis, ultimo rotundato, liris 8 cincto; apertura subcirculari, oblique superne angulata; peristomate recto, acuto; umbilico lato, perspectivo. Operculo corneo, tenui, multispirato.

Diam. major 4, minor  $3\frac{1}{2}$ , alt. 2 mill.

*Hab.* ad oras Australiæ Occidentalis. Dr. J. F. Bacon.

The penultimate whorl shows three elevated lines which are diminished to two in the upper whorl. Its place seems to be in Pfeiffer's 10th section of *Cyclophorus*.

4. *Cyclostoma orbiculatum*, nobis, n. s.

Testa depressa, orbiculata, albida, oblique striata, liris nonnullis, præcipue subtus, munita; spira elevatiuscula, sutura excavata, marginata, exiliter striata; anfractibus 4, convexis, ultimo rotundato; apertura subcirculari, obliqua, superne angulata, subcanaliculata; peristomate simplici; umbilico aperto, perspectivo. Operc.?

Diam. major  $3\frac{1}{2}$ , minor 3, axis 2 mill.

*Hab.* cum præcedente.

Malvern, January 4, 1853.

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X.—On the *Animal of Chamostrea albida*.

By ALBANY HANCOCK, Esq.

[With Two Plates.]

HAVING been favoured by John Whichham Flower, Esq. of Chaydon, with a specimen in spirits of *Chamostrea albida*,—the